CUSTOMER NO.: 24498 Serial No.: 10/533,978

Final Office Action dated: 05/22/08

Response dated: 07/25/08

PATENT PU020453

## Listing and Amendments to the Claims

1. (Currently Amended) A media terminal adaptor for use in a communication network adapted to have a telephone connected thereto, said media terminal adaptor comprising:

communication unit for connecting to a service provider provisioning server in a normal mode when the media terminal adaptor is in a provisioned state;

an audio message file for storing at least one of a fixed or dynamically generated diagnostic audio message and variable information (VI) for generating the dynamic portion of the diagnostic audio message;

provisioning failure detector for detecting when the media terminal adaptor has a non-provisioned status; and

provisioning error message generator/player for generating and playing e the diagnostic audio message through said telephone indicative of the detected non-provisioned status and providing corrective action to be taken by the user when an off-hook condition is detected when said telephone is taken off-hook.

2. (Original) The apparatus according to claim 1, wherein said provisioning error message generator/player comprises:

a speech decoder for converting digital audio data to analog samples; and plain-old-telephone-service (POTS) endpoint circuitry for reconstructing the analog samples and playing the reconstructed analog samples through said telephone when off-hook.

- 3. (Original) The apparatus according to claim 2, wherein said provisioning error message generator/player generates audio messages and transfers said messages to the telephone.
- 4. (Original) The apparatus according to claim 2, further comprising an off-hook detector for detecting when said telephone is taken off hook.

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- 5. (Original) The apparatus according to claim 4, wherein said POTS endpoint circuitry and said off-hook detector monitor a hook state of said telephone and generate the diagnostic message when an off-hook condition is detected when said telephone is taken off-hook.
- 6. (Original) The apparatus according to claim 1, wherein said diagnostic message includes combined fixed voice audio with dynamically-generated voice audio.
- 7. (Original) The apparatus according to claim 1, wherein said diagnostic message includes tones.
- 8. (Original) The apparatus according to claim 1, wherein when operating in said normal mode, if said telephone is taken off-hook, dial tone is sent to said telephone.
- 9. (Original) The apparatus according to claim 1, further comprising a provisioning error resolver for determining a resolution to the detected non-provisioned status wherein said diagnostic message is a function of said resolution.
- 10. (Original) The apparatus according to claim 9, further comprising an electronic diagnostic and status information module adapted to be accessed by said telephone.
- 11. (Currently amended) A method of generating and playing diagnostic messages by a media terminal adaptor having a telephone connected thereto, the method comprising the steps of:

storing at least one of a fixed or dynamically generated diagnostic audio message and variable information (VI) for generating the dynamic portion of the diagnostic audio message;

detecting a non-provisioned status of said media terminal adaptor; and

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generating and playing a the diagnostic audio message through said telephone indicative of the detected non-provisioned status and providing corrective action to be taken by the user when an off-hook condition is detected when said telephone is taken off-hook.

12. (Original) The method according to claim 11, wherein the step of generating and playing includes the steps of:

converting digital audio data to analog samples by a speed decoder; reconstructing by plain-old-telephone-service (POTS) endpoint circuitry the analog samples; and

playing the reconstructed analog samples through said telephone by the POTS endpoint circuitry, when said telephone is taken off-hook.

13. (Original) The method according to claim 12, wherein the step of generating and playing includes the steps of:

generating audio messages by encapsulating audio in an real time protocol packet stream to emulate reception of data from a communications network, said packet stream comprises an ordered sequence of near-synchronous packets;

depacketizing said packet stream; and sending the depacketized packet stream to the speech decoder.

- 14. (Original) The method according to claim 12, further comprising the step of detecting when said telephone is taken off hook.
- 15. (Original) The method according to claim 11, wherein said diagnostic message includes combined fixed voice text with dynamically-generated voice text.
  - 16. (Original) The method according to claim 11, wherein said diagnostic message includes tones.

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- 17. (Original) The method according to claim 11, wherein the step of detecting said non-provisioned status includes the step of detecting an out-of-service status of said media terminal adaptor.
- 18. (Original) The method according to claim 11, further comprising the steps of:

determining a resolution to the detected non-provisioned status wherein said diagnostic message is a function of said resolution.

19. (Original) The method according to claim 18, further comprising the step of:

accessing electronic diagnostic and status information by said telephone identified in said diagnostic message.

20. (Original) The method according to claim 18, further comprising the steps of:

determining said media terminal adaptor is provisioned; and sending a dial tone to said telephone when the telephone is taken off-hook.